



CITY OF SUGAR LAND

Engineering Department

CP Project Number: WW0605

Title: East & West Interceptor Rehabilitation - Phase I

Project Phase: Construction

% of Phase Completion

Design

Construction



Cost for this Phase: \$ 1.90 Million **Reallocation** \$246,249 **Total** \$2.16 Million

Funding Sources: Revenue Bonds

Project Manager: Pete Polito

Contractor: Spiniello Costruction

Consultant: HDR|CMI

Project Description: Phased rehabilitation of the East and West Interceptor mains.

The project is recommended for a multi-year phased rehabilitation of the North Collection system's two major interceptor lines approximately 29,000 l.f. constructed in 1974 & 1985 and ranging in size from 30" to 48" pipe. WW0605 carryover consist of completion of Phase 1 construction currently underway.

Justification: Continuation of a citywide program for rehabilitating deteriorated collection system. The East & West Interceptor mains are critical infrastructure components, conveying approximately 6.0 MGD WW Flow. An evaluation of the East & West Interceptors identified approximately \$5.5M in repair or replacement needs over a 5-year period.

Updates: **December 2008**-Project bid November 13, 2008. All bids are being rejected, based on legal department recommendation, due to language included in the original bid document which may have excluded the low bidder and other potential non-local bidders. All other bids, excluding the low bid, exceeded the project budget. The bid document language has been restored back to the City's standard language, allowing non-local firms to bid the project, with bidder qualification to be done after bids have been received. Project rebid scheduled for January 15, 2009.

March 2009-Project rebid as scheduled on January 15, 2009. Low bidder was Spiniello with a total bid of \$1,987,360. Construction contract was authorized by City Council on March 3, 2009, with fund reallocation of \$246,249 from WW0704, to allow award of all add alternates and construction phase engineering service contract with HDR|CMI in the amount of \$89,875. Contract documents currently being processed.

June 2009- Project construction initiated in late May 2009. Contractor has replaced several manhole ring & covers, currently working on manhole installation & by-pass pump system. Current construction status – Less than 5 percent complete.

August 2009 – Sections of West Interceptor Main from Hall Lake @ Brooks St to North WWTP have been cleaned and ready for lining. Cleaning has been extensive and very heavy debris and concrete removal was required. Contractor has completed lining on Brooks St and portions of SH6. Contractor has requested additional pay for concrete removal throughout the entire length of West Interceptor lining. Anticipate additional pay can be funded with current contract funds, through savings from rehabilitation method change for US 90A crossing. Project status is at 35% complete.

September 2009 – Contractor continued cleaning West Interceptor. Process delayed due to heavy debris removal requiring man entry into the pipe, to remove solid debris with chipping hammers. Rain also delayed process. West Interceptor cleaning should be completed by first week of October, with West Interceptor lining completed by first week of November. Project Construction is at 50% completed and on schedule.

October 2009 – Contractor completed all West & East Interceptor lining work, that required the Brooks Lake by-pass system. By-pass system is scheduled for removal the first week of November. Lining work on Interceptor lines crossing US90A, North of 90A and restoration is all that remains for project completion. Project is at 80% complete.

November 2009 – Contractor completed all lining work, with the exception of the two Hwy 90A crossing. Contractor primarily focused on site restoration. Project is at 90% complete.

December 2009 – Project substantially complete. Contractor currently working on site restoration, throughout the project limits. Contractor has submitted a claim for additional compensation related to line cleaning process. Currently working on formal response, with HDR (project consultant), for claim denial. All line cleaning for the project was bid as incidental to the project and no additional payment was approved prior to use.

January 2010 – Contractor still working on site restoration and project close-out.